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MULTI-VOLTAGE INDUCTION MOTORS
IMPA SERIES

STANDARD FEATURES

- **SUPPLY**

	50Hz	60Hz
up to 100 frame	D – 220-240V	254-276V
	Y – 380-415V	440-480V
from 112 up	D – 380-415V	440-480V
	Y – 660-690V	760-830V

- **INSULATION**
  Class F up to 132 frame
  Inverter rated insulation
  Spike-resistant wire

- **CONSTRUCTION**
  Frames 63 to 132
  Aluminium frames, endshields, flanges and boxes
  Die cast aluminium rotors
  Fan cowl: Fabricated Steel up to 132 frame
  B3 standard mounting configuration

- **ENCLOSURE**
  IP55
  TEFC
  Foot mounted: oil seal on both ends
  Flange mounted: oil seal on both ends

- **DESIGN**
  IEC 34 AND AS 1359 standards
  Design N
  S1 duty (continuous)

- **BEARINGS**
  Make: SKF, NSK or FAG
  63-132 frame: sealed for life
  Locked Bearing (NDE)

- **FANS**
  63-132 frame: polypropylene

- **OTHER FEATURES**
  Rugged Aluminium construction allows mounting in any position on frame sizes 80-132
  Stainless steel nameplate AISI 321
  63-132 frame: 1045 carbon steel shaft
  Motors with 6 leads
  Terminal block
  Drilled and tapped shaft

EFF 1

- **STANDARD PAINT**
  Surface preparation to grade Sa 2.5
  One coat of synthetic alkyd primer – 20 to 55µm
  One coat of synthetic alkyd enamel – 40 to 65µm
  Colour Ral 5010 – blue

OPTIONAL FEATURES

- IP56, IP65, IP66
- Thrust bearings
- Insulated bearings
- Shaft earthing brush
- Forced cooling
- Double-shaft extension
- Special shaft dimensions
- Stainless steel shafts
- Voltages from 110 to 1100V
- 60Hz
- Anti-condensation heaters
- Oversized and undersized flanges
- Bearing and winding RTDs
- Cable glands
- Special paint
- NEMA frames
- Additional terminal box

FORCED COOLED MOTORS

INVERTEK's forced cooling system fits any INVERTEK Motor. Kits come complete with an auxiliary terminal box and terminal block and are available ex-stock from 63 to 400 frame.